## SEQUENCE LISTING

THE GENERAL HOSPITAL CORPORATION <110> ROIG AMOROS, Joan BELHAM, Christopher AVRUCH, Joseph <120> Identification of Inhibitors of Mitosis <130> MGH-006.1 PCT <150> US 60/387,810 2002-06-11 <151> 35 <160> <170> PatentIn version 3.2 <210> 1 <211> 2937 <212> DNA <213> Homo sapiens <400> 1 atgtcggtgc tgggcgagta cgagcgacac tgcgattcca tcaactcgga ctttgggagc 60 gagtccgggg gttgcgggga ctcgagtccg gggcctagcg ccagtcaggg gccgcgagcc 120 ggeggeggeg eggeggagea ggaggaactg cactacatee ecateegegt eetgggeege 180 ggcgccttcg gggaagccac gctgtaccgc cgcaccgagg atgactcact ggttgtgtgg 240 aaggaagtcg atttgacccg gctgtctgag aaggaacgtc gtgatgcctt gaatgagata 300 gttattctgg cactgctgca-gcacgacaac-attattgcct-actacaatca cttcatggac 360 aataccacgc tgctgattga gctggaatat tgtaatggag ggaacctgta tgacaaaatc 420 cttcgtcaga aggacaagtt gtttgaggaa gagatggtgg tgtggtacct atttcagatt 480 gtttcagcag tgagctgcat ccataaagct ggaatccttc atagagatat aaagacatta 540 aatatttttc tgaccaaggc aaacctgata aaacttggag attatggcct agcaaagaaa 600 660 cttaattctg agtattccat ggctgagacg cttgtgggaa ccccatatta catgtctcca gagetetgte aaggagtaaa gtacaattte aagtetgata tetgggeagt tggetgegte 720 atttttgaac tgcttacctt aaagaggacg tttgatgcta caaacccact taacctgtgt 780 840 gtgaagatcg tgcaaggaat tcgggccatg gaagttgact ctagccagta ctctttggaa 900 ttgatccaaa tggttcattc gtgccttgac caggatcctg agcagagacc tactgcagat gaacttctag atcgccctct tctcaggaaa cgcaggagag agatggagga aaaagtcact 960 ctgcttaatg cacctacaaa gagaccaagg tcaagcactg tgactgaagc acccattgct 1020

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WO 03/104479

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Glu Tyr Cys Asn Gly Gly Asn Leu Tyr Asp Lys Ile Leu Arg Gln Lys 130 135 140

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- Gly Ser Leu His His Val Pro Asp Leu Ser Cys Arg Gly Trp His Thr 705 710 715 720
- Ile Leu Ile Val Glu Lys Val Leu Asn Ser Lys Thr Ile Arg Ser Asn 725 730 735
- Ser Ser Gly Leu Ser Ile Gly Thr Val Phe Gln Ser Ser Pro Gly 740 745 750
- Gly Gly Gly Gly Gly Gly Glu Glu Glu Asp Ser Gln Glu 755 760 765
- Ser Glu Thr Pro Asp Pro Ser Gly Gly Phe Arg Gly Thr Met Glu Ala 770 775 780
- Asp Arg Gly Met Glu Gly Leu Ile Ser Pro Thr Glu Ala Met Gly Asn 785 790 795 800
- Ser Asn Gly Ala Ser Ser Ser Cys Pro Gly Trp Leu Arg Lys Glu Leu 805 810 815
- Ala Ala Phe Ser Glu Ser Glu Lys Asp Thr Leu Pro Tyr Glu Glu Leu 835 840 845
- Gln Gly Leu Lys Val Ala Ser Glu Ala Pro Leu Glu His Lys Pro Gln 850 855 860
- Val Glu Ala Ser Ser Pro Arg Leu Asn Pro Ala Val Thr Cys Ala Gly 865 870 875 880
- Lys Gly Thr Pro Leu Thr Pro Pro Ala Cys Ala Cys Ser Ser Leu Gln 885 890 895
- Val Glu Val Glu Arg Leu Gln Gly Leu Val Leu Lys Cys Leu Ala Glu 900 905 910
- Gln Gln Lys Leu Gln Gln Glu Asn Leu Gln Ile Phe Thr Gln Leu Gln 915 920 925

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Lys Lys Ile Gly Arg Gly Gln Phe Ser Glu Val Tyr Lys Ala Thr Cys 50 55 60

Leu Leu Asp Arg Lys Thr Val Ala Leu Lys Lys Val Gln Ile Phe Glu 65 70 75 80

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Asn Phe Lys Ser Asp Ile Trp Ser Leu Gly Cys Leu Leu Tyr Glu Met 225 230 235 240

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Val Gln Ile Phe Asp Leu Met Asp Ala Lys Ala Arg Ala Asp Cys Ile 65 70 75 80

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Leu Thr Gln Ser Met Ala Ile Ile Arg Tyr Ile Ala Asp Lys His Asn 65 70 75 80

Met Leu Gly Gly Cys Pro Lys Glu Arg Ala Glu Ile Ser Met Leu Glu 85 90 95

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Lys Asp Phe Glu Thr Leu Lys Val Asp Phe Leu Ser Lys Leu Pro Glu 115 120 125

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